

**METHODS FOR ALTERING MASS, CONTROLLING FERTILITY AND
ENHANCING ASEXUAL REPRODUCTION IN PLANTS**

ABSTRACT OF THE DISCLOSURE

5 The invention provides methods of altering organ mass, controlling fertility and enhancing asexual reproduction in plants through the modulation of plant growth and cell proliferation. The methods involve producing transgenic plants comprising a recombinant expression cassette containing an *ANT* nucleic acid linked to a plant promoter.

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